

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the split engine family standards under 13 CCR 1956.8(b) [diesel engines] or 13 CCR 1956.8(d) [Otto engines] and the incorporated 40 CFR 86.007-15(m)(9).



BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels) and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: The listed engine models are conditionally certified pending final approval of "Certified Clean Idle" vehicle label. The manufacturer has until November 1, 2008 to resolve concerns on this conditional certification. This Executive Order is effective through November 1, 2008; engines produced after this date are not covered by this Executive Order unless provided with a "Certified Clean Idle" label approved by ARB. In addition, the engine models listed above are certified on the condition that vehicles into which the conditionally certified engines are installed and to which were affixed a "Certified Clean Idle" label that does not have final ARB approval shall have an ARB approved "Certified Clean Idle" label affixed no later than December 31, 2009.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 30 day of July 2008.

Annette Hebert, Chief
Mobile Source Operations Division

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
9DDXH14.0ELD	1540	Truck/Coach	445@1800	260.4	155.9	1450@1100	266.0	97.3	ECM, TC, CAC
9DDXH14.0ELD	1541	Truck/Coach	425@1800	249.4	149.3	1450@1100	266.0	97.3	EGR, DOC
9DDXH14.0ELD	1542	Truck/Coach	425/445@1800			1450@1100	266.0	97.3	DPF
9DDXH14.0ELD	1543	Truck/Coach	490@1800	287.0	171.8	1550@1100	284.3	104.0	(all ratings)
9DDXH14.0ELD	1544	Truck/Coach	455@1800	264.9	158.6	1550@1100	284.3	104.0	
9DDXH14.0ELD	1545	Truck/Coach	455/490@1800			1550@1100	284.3	104.0	
9DDXH14.0ELD	1546	Truck/Coach	515@1800	304.7	182.4	1550@1100	284.3	104.0	
9DDXH14.0ELD	1547	Truck/Coach	490/515@1800			1550@1100	284.3	104.0	
9DDXH14.0ELD	1548	Truck/Coach	515@1800	304.7	182.4	1650@1100	305.9	111.9	
9DDXH14.0ELD	1549	Truck/Coach	470@1800	278.1	166.5	1650@1100	305.9	111.9	
9DDXH14.0ELD	1550	Truck/Coach	470/515@1800			1650@1100	305.9	111.9	
9DDXH14.0ELD	1551	Firetruck	445@1800	260.4	155.9	1450@1100	266.0	97.3	
9DDXH14.0ELD	1552	Firetruck	425@1800	249.4	149.3	1450@1100	266.0	97.3	
9DDXH14.0ELD	1553	Firetruck	490@1800	287.0	171.8	1550@1100	284.3	104.0	
9DDXH14.0ELD	1554	Firetruck	455@1800	264.9	158.6	1550@1100	284.3	104.0	
9DDXH14.0ELD	1555	Firetruck	515@1800	304.7	182.4	1550@1100	284.3	104.0	
9DDXH14.0ELD	1556	Firetruck	515@1800	304.7	182.4	1650@1100	305.9	111.9	
9DDXH14.0ELD	1557	Firetruck	470@1800	278.1	166.5	1650@1100	305.9	111.9	
9DDXH14.0ELD	1592	Crane	445@1800	260.4	155.9	1450@1100	266.0	97.3	

Attachment - A-290-0131